

In the United States Patent and Trademark Office

Serial Number: 10/600028
Appn. Filed: 06/23/03
Applicant(s): Harold D. Foster
Appn. Title: Protocol for AIDS Prevention
Examiner/GAU: _____



Mailed: 06/09/03
At: Victoria, B.C. Canada

Information Disclosure Statement

Commissioner for Patents
Washington, District of Columbia 20231

Sir:

Attached is a completed Form PTO-1449 and copies of the pertinent parts of the references cited thereon.
Following are comments on any non-English-language references pursuant to Rule 98:

The article "Micronutrients in pathogenesis and treatment of AIDS " Foreign Medical Sciences
Section on Medgeography 2003, 6,24(2):49-53 is simply a translation (in Chinese) of my article
"How HIV – kills: implications for the treatment and prevention of AIDS" Townsend Letter for
Doctors and Patients 2002; 255:76-78 which is provided here for the Examiner's convenience.

Very respectfully,

Applicant(s): Harold D. Foster

Enc: PTO-1449 & References

c/o: Dr. Harry D. Foster

1543 Ash Road, Victoria

B.C. CANADA V8N 2S9

Telephone: (250) 721-7331 / (250) 592-9345

Certificate of Mailing

I certify that this correspondence will be deposited with the United States Postal Service as first class mail with proper postage
affixed in an envelope addressed to: "Commissioner for Patents, Washington, DC 20231" on the date below.

Date: 2003/10/10

Harold D. Foster

FORM PTO - 1449 (Substitute)

ATTY. DOCKET NO.

SERIAL NO.

LIST OF PRIOR ART CITED BY APPLICANT
(Use several sheets if necessary)

APPLICANT

FOSTER, HD.

FILING DATE

06/23/03

GROUP

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|-----------------|------|--------|-------|----------|-------------------------------|
| AA | 5102908 | 1992 | ALBECK | 514 | 467 | JUNE 1, 1990 |
| AB | | | | | | |
| AC | | | | | | |
| AD | | | | | | |
| AE | | | | | | |
| AF | | | | | | |
| AG | | | | | | |
| AH | | | | | | |
| AI | | | | | | |
| AJ | | | | | | |
| AK | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | | | | | |
|----|--|--|--|--|--|--|
| AL | | | | | | |
| AM | | | | | | |
| AN | | | | | | |
| AO | | | | | | |
| AP | | | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | | | | | |
|----|--------------|------|--------------------------------|---------|--|--|
| AR | TAYLOR, BHAT | 1997 | HIV-1 ENCODES A | 393-4 | | |
| | ET AL | | SEQUENCE... | | | |
| AS | ZHAO, COX | 2000 | MOLECULAR | 6356-61 | | |
| | ET AL | | MODELING | | | |
| AT | MAIORINO, | 1998 | PROBING THE | 118-121 | | |
| | AUMANN ET AL | | PRESUMED CATALYTIC TRIAD | | | |

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

4. Amar M.B., Morisset R., Ghadirian P., Fathie K. GSPH-1: A potent stimulant of CD8+ Lymphocytes in HIV-infected patients. *J Neural Orthop Med Surg* 1997; 17:196-200.
5. Hori K., Hatfield D., Maldarelli F., Lee B.J., Clouse K.A. Selenium Supplementation suppresses tumor necrosis factor alpha-induced human immunodeficiency virus type 1 replication in vitro. *AIDS Res Retroviruses* 1997; 13(15), 1325-1332.
6. Shor-Posner G., Miguez M.J., Pineda L.M., Rodriguez A., Ruiz P., Castillo G., Burbano X., Lecusay R., Baum M. Impact of selenium status on the pathogenesis of mycobacterial disease in HIV-1-infected drug users during the era of highly active antiretroviral therapy. *J Acquir Immune Defic Syndr* 2002; 29(2): 169-173.
7. Campa A., Shor-Posner G., Indacochea F., Zhang G., Lai H., Asthana D., Scott G.B., Baum M.K. Mortality risk in selenium-deficient HIV-positive children. *J Acquir Immun Defic Syndr Hum Retrovirol* 1999; 20(5): 508-513.
8. Cowgill V.M. The distribution of selenium and mortality owing to Acquired Immune Deficiency Syndrome in the Continental United States. *Biological Trace Element Research* 1997; 56: 43-61.
9. James J.S. NAC: First controlled trial, positive results. *AIDS Treatment News* 07/05/96. <http://www.aids.org/atn/a-266-01.html>
10. Martin J.A., Sastre J., de la Asunción J.G., Pallardó F.V., Viña J. Hepatic gamma-cystathionase deficiency in patients with AIDS. *JAMA* 2001; 285(11): 1444-1445.
11. Passwater R.A. N-Acetylcysteine (NAC): An old nutrient attracts new research. *HealthWorld Online Interviews*.
12. Fowkes S.W. Tryptophan metabolism in chrome disease and AIDS. *The Megahealth Society Online*.

13. Droge W., Holm E. Role of cysteine and glutathione in HIV infection and other diseases associated with muscle wasting and immunological dysfunction. *FASEB J* 1997; 11(13):1077-1089.
14. Kinscherf R., Fischback T., Mihm S., Roths S., Hohenhaus-Sievert E., Weiss C., Edler L., Bartsch P., Droge W. Effects of glutathione depletion and oral N-acetyl-cysteine treatment on CD4 and CD8+ cells. *FASEB J* 1994; 8(6): 448-451.
15. Noyer C.M., Simon D., Borczuk A., Brandt L.J., Lee M.J., Nehra V. A double-blind placebo-controlled pilot study of glutamine therapy for abnormal intestinal permeability in patients with AIDS. *Am J Gastroenterol* 1998; 93(6): 972-975.
16. Gil L., Martinez G., Gonzalez I., Tarinas A., Alvarez A., Giuliani A., Molina R., Tapanes R., Perez J., Leon O.S. Contribution to characterization of oxidative stress in HIV/AIDS patients. *Pharmacol Res* 2003; 47(3): 217-224.

BY THE APPLICANT

17. Foster H.D. AIDS and the "Selenium CD4T cell tailspin" The geography of a pandemic. *Townsend Letters for Doctors and Patients* 2000; 209: 94-99.
18. Foster H.D. How HIV-1 kills: implications for the treatment and prevention of AIDS. *Townsend Letter for Doctors and Patients* 2002; 255: 76-78.
19. Foster H.D. *What really causes AIDS* 2002; Victoria: Trafford Publishing.
20. Foster H.D. Why HIV-1 has diffused so much more rapidly in Sub-Saharan Africa than in North America. Medical Hypotheses 2003; 60(4): 611-614.
21. Foster H.D. How HIV-1 causes AIDS: Implications for prevention and treatment. Under review by Medical Hypotheses.

22. Foster H.D. Halting the AIDS pandemic. Chapter in EarthWorks: Geographical Solutions to 100 Problems. Association of American Geographers Centennial Volume, 2004 expected, Kluwer. (8 pages typed)
23. Foster H D. AIDS: the only logical solution. Accepted October 4, 2003 by Nexus. Will appear in November – December 2003 and January – February 2004 volumes of this magazine.
24. Foster H.D, Hu W., Hong Q. Micronutrients in pathogenesis and treatment of AIDS. Foreign Medical Sciences Section of Medgeography 2003; 6, 24, 2: 49-53 (in Chinese).
25. Foster H.D. Halting the AIDS pandemic now. British Medical Journal Online. (bmj.com) <http://bmjjournals.com/cgi/eletters/325/7375/1257>
26. Foster H D. Aids in South Africa: The Third Dimension. British Medical Journal Online (bmj.com) <http://bmjjournals.com/cgi/eletters/326/7387/495#30119>
27. Foster H D. AIDS prevention: the missing key component. British Medical Journal Online (bmj.com). <http://bmjjournals.com/cgi/eletters/326/7403/1389>